





## KS2 Threatened Species Trail

This resource pack consists of both the Teacher Guide and the Student Booklet for the Threatened Species Trail. When you have printed the Student Booklet pages, fold in half to make A5 booklets.

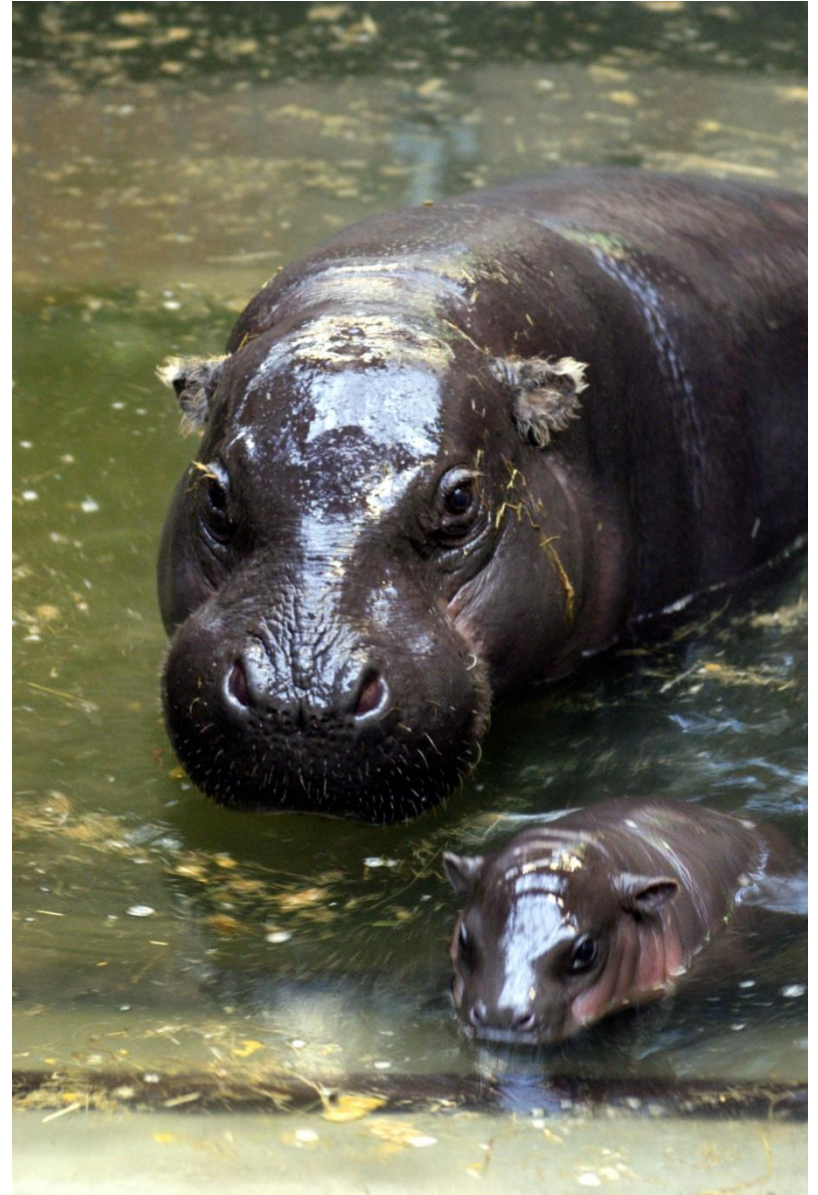
We recommend you look through the whole pack before you start, so you know what information to look for at each sign.

## Curriculum Links

### SCIENCE

#### Year 4 Living things and their habitats

recognise that environments can change and that this can sometimes pose dangers to living things





**Marwell  
Wildlife**

## KS2 Threatened Species Trail TEACHER GUIDE

The Threatened Species Trail takes you and your pupils around the zoo, focusing on specific animals. You will discover more about some of the threats affecting these animals in the wild and the conservation work that is being done to protect them.



As you go round the trail, your pupils can fill in the accompanying pupil booklet using the information on the Threatened Species Trail signs.

Please encourage your pupils to look through the whole booklet before you start, so they know what information to look for at each sign.

### Trail Signs

- |                        |                        |
|------------------------|------------------------|
| 1 Humboldt penguin     | 5 Cotton-top tamarin   |
| 2 Southern white rhino | 6 Scimitar-horned oryx |
| 3 Amur leopard         | 7 Pygmy hippo          |
| 4 Grevy's zebra        |                        |





# Sign layout

The Threatened Species Trail signs look like the one below:

Problems on the left of the sign.

Solutions are on the right of the sign.

Amur leopard - a threatened species

**Problems?**

**Hunting**  
Amur leopards are hunted for their fur and for their body parts to be used in traditional Asian medicine.

**Habitat loss**  
Logging, forest fires and the growth of human settlements have led to the deforestation of the Amur leopards' habitat.

**Loss of prey**  
Over-hunting of the Amur leopards' prey means they sometimes visit deer farms looking for food. Farmers may shoot the leopards to protect their livestock.

More about Amur leopard  
(*Panthera pardus orientalis*)  
[www.marwell.org/tst](http://www.marwell.org/tst)

**What is being done?**

**Protected by law**  
Scimitar-horned oryx are protected by CITES, an international agreement signed by nearly every country in the world. CITES controls the trade in animals, plants and their products.

**Reducing hunting**  
Anti-poaching patrols tour the Amur leopards' habitat. They have been successful in catching and deterring poachers.

To reduce hunting by local livestock owners, funding has been provided to compensate them for any loss of livestock to an Amur leopard.

**Education**  
An education programme has been set up to raise awareness of Amur leopards amongst local people. It aims to reduce poaching and forest fires and to encourage local people to report poachers and fire starters.

The small icons can direct you to the correct part of the sign for each question.

The letter for the mystery word is found here.

The IUCN Red List of Threatened Species™ scale is found here and shows you the current status of the species (in red).

The mystery word is:

E C O S Y S T E M S

# Answers

Over-fishing	Habitat loss	Competition	Hunting
1	6	2	5

Political instability	Pet trade	Loss of prey
3	1	1

Trail animals that are:

- Vulnerable: **Humboldt penguin**
- Endangered: **Grevy's zebra, pygmy hippo**
- Extinct in the Wild: **Scimitar-horned oryx**



**Rhinos** are being poached for their horn, which is used in traditional medicine and for ornaments.



Giving radio collars to wild **Grevy's zebra** helps us to track them, so we know which places they like to use and so the best areas to protect.



**Scimitar-horned oryx** were first reintroduced to Tunisia.



Buying sustainable seafood with this logo can help **Humboldt penguins**

Ideas for how **you** can help save threatened animals include: **saving energy, recycling rubbish, cycling or walking to school, buying sustainably, wildlife gardening and feeding wild birds.**

## You can help these animals too!

One way to help is by choosing food with this logo on at the supermarket.



This logo means that the companies are making sure they leave enough fish in the sea for animals to eat too.

Which trail animal is this most likely to help?

A



White rhino

B



Humboldt penguin

C



Cotton-top tamarin

**Can you think of any other ways you can help save threatened animals?** Write them in this box.  
There are some clues at the bottom to help you if you get stuck!



**Remember: helping the environment helps animals too!**



## Threatened Species Trail







Collect a letter from each Threatened Species sign around the zoo to spell out our **mystery word...**




1 C 3 4 5 S T 8 9 10

# Problems?

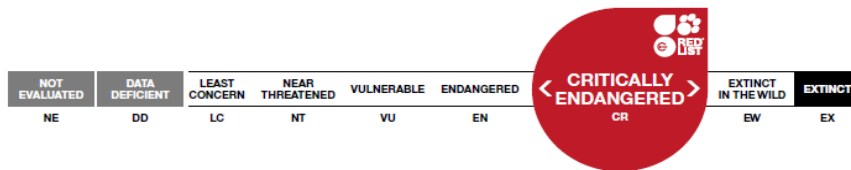
What is the most common problem for the animals on the Threatened Species Trail? Fill in this tally chart as you go around the zoo to find out:

Over-fishing	Habitat loss	Competition	Hunting
			

Political instability	Pet trade	Loss of prey
		

The IUCN Red List of Threatened Species™ sorts animals into groups depending on how threatened they are. Look out for this scale on the trail signs:



Can you name one animal that is:

1. Vulnerable? \_\_\_\_\_
2. Endangered? \_\_\_\_\_
3. Extinct in the Wild? \_\_\_\_\_

# What is being done?

Marwell Wildlife is a charity that tries to help the animals on the Threatened Species Trail.



Why are rhinos being poached for their horn?

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Marwell was involved in giving some wild **Grevy's zebra** radio collars to wear. How does this help?

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Marwell has also helped reintroduce some **scimitar-horned oryx** back into protected parts of their natural habitat. Which country were they first returned to?

**Brazil**

**Tunisia**

**France**



## Did you know?

The scimitar-horned oryx we have at Marwell usually breed very well. If you are lucky, you may be able to see some oryx calves in the paddock with their family!